

AMENDMENTS TO THE CLAIMS

The current status of all claims in the Application is as follows:

Claims 1-11 (CANCELED).

12. (NEW) An electrical or electronic appliance, comprising a housing with wall parts made from plastic and metal, and electrical and/or electronic components which are arranged therein and act as a heat source, wherein a thermally conductive mat is inserted between the heat source and an adjoining wall part of the housing, which is made of metal, said inlay mat having a base body of simple sheet-like geometry, an underside of the base body being in contact with the outer metal wall of the appliance and a top side of the base body being in contact with the heat source inside the appliance, wherein the mat consists homogeneously of electrically insulating modified hydrocarbon resin.

13. (NEW) The appliance as claimed in claim 12, wherein the underside of the mat is smooth, while the top side has a height-compensating structure.

14. (NEW) The appliance as claimed in claim 13, wherein the height-compensating structure comprises raised lamellae.

15. (NEW) The appliance as claimed in claim 12, wherein the mat has a sticky surface.

16. (NEW) The appliance as claimed in claim 12, wherein at least some of the components are mounted on a circuit board.

17. (NEW) The appliance as claimed in claim 12, wherein a film with a high degree of electrical insulation is additionally inserted between mat and adjoining wall part.